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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,730	11/29/2000	Ronald Arthur Frank	RIDO-0015	9619
75	90 08/13/2004		EXAM	INER
•	olasch & Birch, LLP		MARCELO,	MELVIN C
P.O. Box 747 Falls Church, VA 2	2040-0747		ART UNIT	PAPER NUMBER
Tuns charen, VIII	2010 0717		2663	~
•			DATE MAILED: 08/13/2004	1

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 927 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 927 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

08/13/2004

Birch, Stewart, Kolasch & Birch, LLP P.O. Box 747 Falls Church, VA 22040-0747 EXAMINER

MARCELO, MELVIN C

ART UNIT

PAPER NUMBER

DATE MAILED: 08/13/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,730	. 11/29/2000	Ronald Arthur Frank	RIDO-0015	9619

TITLE OF INVENTION: SYSTEM AND METHOD FOR IN-SERVICE RECONFIGURATION OF A SYNCHRONOUS OPTICAL COMMUNICATIONS NETWORK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$300	\$965	11/15/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

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A. Pay TOTAL FEE(S) DUE shown above, or

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III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

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						(Signature)
						(Date)
APPLICATION NO.	FILING DATE]	FIRST NAMED II	NVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,730	11/29/2000		Ronald Arthu	ır Frank	RIDO-0015	9619
ITTLE OF INVENTION: S	YSTEM AND METHOD FC		·		OUS OPTICAL COMMUNIO	
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665		\$300	\$965	11/15/2004
EXAM	INER	ART UN	IT	CLASS-SUBCLASS	7	
MARCELO	, MELVIN C	2663		370-412000	_	
Address form PTO/SB/1 "Fee Address" indicate PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless	on (or "Fee Address" Indicator more recent) attached. Use D RESIDENCE DATA TO Be an assignee is identified be 37 CFR 3.11. Completion	e of a Customer E PRINTED ON Telow, no assignee of this form is NO	or agents OR (2) the name registered at 2 registered listed, no nar THE PATENT (data will appea T a substitute fo	r on the patent. If an assis	a member a 2	document has been filed fo
Please check the appropriate	e assignee category or catego	ries (will not be pr	inted on the pate	ent); 🗆 individual 🗆	corporation or other private g	roup entity 🚨 governmen
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Advance Order - # 01	Copies		Deposit Accou	int Number	(enclose an extra	copy of this form).
a. Applicant claims Sl	s (from status indicated above MALL ENTITY status. See 3	7 CFR 1.27.			NTITY status. See, e.g., 37 CF	
NOTE: The Issue Fee and I interest as shown by the rec	is requested to apply the Iss Publication Fee (if required) ords of the United States Pat	will not be accepted	d from anyone of	or to re-apply any previous ther than the applicant; a re	sly paid issue fee to the applic egistered attorney or agent; or t	ation identified above. the assignee or other party i
(Authorized Signature)		(Date)				
This collection of informati an application. Confidential submitting the completed a this form and/or suggestion Box 1450, Alexandria, Virg Alexandria, Virginia 22313	pplication form to the USPT is for reducing this burden, so in 22313-1450. DO NOT	11. The information 122 and 37 CFR O. Time will vary hould be sent to the SEND FEES OR (on is required to 1.14. This colle depending upo e Chief Informa COMPLETED I	obtain or retain a benefit by ction is estimated to take I! n the individual case. Any tion Officer, U.S. Patent ar FORMS TO THIS ADDRE	y the public which is to file (ar 2 minutes to complete, includi comments on the amount of t d Trademark Office, U.S. De SS. SEND TO: Commissioner	nd by the USPTO to processing gathering, preparing, an ime you require to complepartment of Commerce, P.C. for Patents, P.O. Box 1450

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	Application No.	Applicant(s)	
;	09/725,730	FRANK, RONALD) ARTHUR
Notice of Allowability	Examiner	Art Unit	
	Melvin Marcelo	2663	
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comm GHTS. This application is	in this application. If not inclununication will be mailed in du	ıded ıe course. THIS
1. 🗵 This communication is responsive to application filed 11-29	<u>9-2000</u> .		
2. ⊠ The allowed claim(s) is/are <u>1-15</u> .			
3. 🗵 The drawings filed on 20 November 2002 are accepted by	the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Applicati	on No	cation from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" on noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the r	requirements
5. A SUBSTITUTE OATH OR DECLARATION must be submi INFORMAL PATENT APPLICATION (PTO-152) which give			NOTICE OF
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") mus (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the	on's Patent Drawing Revie Amendment / Comment of	or in the Office action of the drawings in the front (not t	he back) of
7. DEPOSIT OF and/or INFORMATION about the depos attached Examiner's comment regarding REQUIREMENT F			. Note the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☑ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview S	nformal Patent Application (P Summary (PTO-413),	TO-152)
 Information Disclosure Statements (PTO-1449 or PTO/SB/09) Paper No./Mail Date Examiner's Comment Regarding Requirement for Deposit 	8), 7. Examiner's	./Mail Date s Amendment/Comment s Statement of Reasons for A	llowance
of Biological Material	9. 🔲 Other	Melvin Marcelo Primary Examine Art Unit: 2663	1.

Application/Control Number: 09/725,730

Art Unit: 2663

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: the particular method and system for reconfiguring the allocation of bandwidth used at transmit and receive nodes of a synchronous optical data communication network including the first and second memory banks in the first and second bandwidth configuration memories for holding and updating the bandwidth allocation mapping information used by the mapper/aggregator and demapper/deaggregator. With respect to the "Hamming Distance" of claims 5 and 13, this is described on page 6, line 25 of the specification and appears to be an inherent property of codewords as taught by Ntafos et al. ("On the Complexity of Some Coding Problems").

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin Marcelo whose telephone number is 703-305-4373. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on 703-308-5340. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2663

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Melvin Marcelo Primary Examiner Art Unit 2663

August 8, 2004

Notice of References Cited Application/Control No. 09/725,730 Examiner Melvin Marcelo Applicant(s)/Patent Under Reexamination FRANK, RONALD ARTHUR Art Unit Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	А	US-2003/0026298 A1	02-2003	Bisson et al.	370/537
	В	US-			
	С	US-			
	D	US-			
	E	US-		· ·	
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FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
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	Р				*	
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	S.C. Ntafos et al., 'On the Complexity of Some Coding Problems', IEEE Transactions on Information Theory, Vol II-27, No. 6, Nov. 1981, pages 794-796.
	V	
	W	
	Х	7

*A.copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.